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April 9, 1999

EXPRESS MAIL NO. EJ455653983US

Assistant Commissioner for Patents
Washington, DC 20231
Box Patent Application

TRANSMITTAL LETTER
SMALL ENTITY APPLICATION

Dear Sir:

Please find enclosed a patent application as follows:

Applicant(s): H. Kim Bottomly, Howard B. Sosin and Michael J. Caplan

Title: System for Controlling Immune System Response to Antigen

Number of Pages for: Specification: 46; Claims: 46; Sheets Dwgs.: 0; No. Pages Abstract: 1;
Unexecuted Formal Papers: Combined Declaration and Power of Attorney;

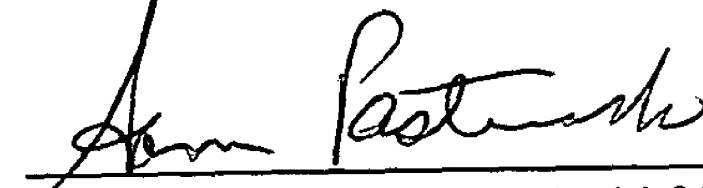
Basic Fee:	\$380.00
Additional Fees:	
Total Number of Claims in excess of 20 times \$9: $332-20=312$	2,808.00
Number of independent claims minus 3 times \$39: $8-3=5$	195.00
Multiple Dependent Claims (\$130):	<u>130.00</u>
Total Filing Fee	\$3,516.00

Please charge our Deposit Account No. 03-1721 in the amount of \$3,516.00 to cover the appropriate filing fees. Additionally, please charge any further fees, or credit any overpayments, to our Deposit Account No. 03-1721.

If this application is found otherwise to be INCOMPLETE, or if at any time it appears that a TELEPHONE CONFERENCE with counsel would helpfully advance prosecution, please telephone the undersigned at any time.

Kindly acknowledge receipt of the foregoing application by returning the self-addressed postcards.

Respectfully submitted,



Sam Pasternack, Reg. No.44,332
FOR Brenda Herschbach Jarrell, Ph.D.
Reg. No. 39,223

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Dated: April 9, 1999
DS1.475392.1

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